

CLAIMS

I claim:

1. A safety jack comprising:
 - a jack housing, a lifting arm, and a prop;
 - said housing having an upper surface;
 - said lifting arm attached to said housing;
 - said lifting arm and said prop jointly movable;
 - said lifting arm and said prop controllably extendable away from and retractable toward said housing upper surface;
 - said prop having at least one pin receptacle; and
 - a pin selectively engagable with said at least one pin receptacle such that retractive motion of said prop biases an engaged said pin between said upper surface and an engaged said at least one pin receptacle.
2. The safety jack of claim 1, wherein:
 - said prop being elongated and oriented generally parallel with said lifting arm.
3. The safety jack of claim 2, wherein:
 - said at least one pin receptacle being a transverse perforation in said prop.
4. The safety jack of claim 2, wherein:
 - said prop attached to said lifting arm distal said jack housing.

5. The safety jack of claim 4, wherein:
said prop having a generally cylindrical shape; and
said lifting arm interior to said prop.
6. The safety jack of claim 5, wherein:
said prop rotatably attached to said lifting arm.
7. The safety jack of claim 6, wherein:
said at least one pin receptacle being a transverse perforation in said prop.
8. The safety jack of claim 1, wherein:
said at least one pin receptacle being a plurality of pin receptacles; and
said plurality of pin receptacles spaced apart along said prop.
9. The safety jack of claim 8, wherein:
each said at least one pin receptacle being a transverse perforation in said prop.
10. The safety jack of claim 1, wherein:
said lifting arm telescopically attached to said housing; and
said lifting arm extendable outwardly from said upper surface.
11. The safety jack of claim 1, further comprising:
said housing having a storage well for receiving said prop.

12. The safety jack of claim 1, wherein:
said prop is integral to said lifting arm.
13. The safety jack of claim 12, wherein:
each said pin receptacle being a transverse perforation in said lifting arm.
14. A safety jack comprising:
a jack housing, a lifting arm, and a prop;
said housing having an upper surface;
said lifting arm attached to said housing;
said prop attached to said lifting arm distal said jack housing;
said lifting arm and said prop jointly controllably extendable away from and retractable toward said housing upper surface;
said prop having at least one pin receptacle; and
a pin selectively engagable with said at least one pin receptacle such that retractive motion of said prop biases an engaged said pin between said upper surface and an engaged said at least one pin receptacle.
15. The safety jack of claim 14, wherein:
said at least one pin receptacle being a transverse perforation in said prop.

16. The safety jack of claim 14, wherein:
said lifting arm telescopically attached to said housing; and
said lifting arm extendable outwardly from said upper surface.
17. The safety jack of claim 14, further comprising:
said housing having a storage well for receiving said prop.
18. The safety jack of claim 14, wherein:
said prop having a generally cylindrical shape; and
said lifting arm interior to said prop.
19. The safety jack of claim 18, wherein:
said prop rotatably attached to said lifting arm.
20. A safety jack having a jacking mechanism, a jack base, a jack housing, and a lifting arm, said safety jack comprising:
said jack housing having a bottom and a top;
said jack base attached to said jack housing bottom;
said lifting arm telescopically attached to said jack housing;
a prop;
said prop attached to said lifting arm distal said jack housing;
said jacking mechanism having a lifting operation and a lowering operation;

said lifting arm and said prop jointly extendable outwardly from said jack housing top in said lifting operation;

said lifting arm and said prop jointly retractable inwardly toward said jack housing top in said lowering operation;

said housing having a storage well for receiving said prop;

a pin;

said prop having at least one pin receptacle for selectively receiving said pin; and

each said pin receptacle configured to bias a selectively received said pin against said jack housing top in order to selectively disable said lowering operation.